

## SEQUENCE LISTING

<110> Rubin, Berish  
Anderson, Sylvia

<120> Detection of Mutations in a Gene Encoding IKB Kinase-Complex  
-Associated Protein to Diagnose Familial Dysautonomia

<130> Rubin 201-KGB

<160> 13

<170> PatentIn version 3.0

<210> 1

<211> 19

<212> DNA

<213> Homo sapiens

<400> 1

gcagcaatca tgtgtccca  
19

<210> 2

<211> 20

<212> DNA

<213> Homo sapiens

<400> 2

gattctcagc tttctcatgc  
20

<210> 3

<211> 18

<212> PRT

<213> Homo sapiens

<400> 3

Asp Pro Val Ser Arg Glu Val Lys Asn Glu Val Ser Leu Val Ala Glu  
1 5 10 15

Gly Phe

<210> 4

<211> 7  
<212> DNA  
<213> Homo sapiens

<400> 4  
gtaagtg  
7

<210> 5  
<211> 7  
<212> DNA  
<213> Homo sapiens

<400> 5  
gtaagcg  
7

<210> 6  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 6  
gagaacaaca agattctgc  
19

<210> 7  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 7  
agtcgcaaac agtacaatgg  
20

<210> 8  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 8  
gcagttaatg gagagtggct  
20

<210> 9  
<211> 18  
<212> DNA  
<213> Homo sapiens

<400> 9  
atgcttggta cttggctg  
18

<210> 10  
<211> 117  
<212> DNA  
<213> Homo sapiens

<400> 10  
ccccaggaca caaagcttgt attacagatg ccaagggaa acttagaagt tgttcatcat  
60

cgagccctgg ttttagctca gattcggaaag tggttggaca aacttatgtt taaagag  
117

<210> 11  
<211> 39  
<212> PRT  
<213> Homo sapiens

<400> 11

Pro Gln Asp Thr Lys Leu Val Leu Gln Met Pro Arg Gly Asn Leu Glu  
1 5 10 15

Val Val His His Arg Ala Leu Val Leu Ala Gln Ile Arg Lys Trp Leu  
20 25 30

Asp Lys Leu Met Phe Lys Glu  
35

<210> 12  
<211> 43  
<212> DNA  
<213> Homo sapiens

<400> 12  
ccccaggaca caaagcttgt attacagact tatgtttaaa gag  
43

<210> 13  
<211> 12  
<212> PRT  
<213> Homo sapiens

<400> 13

Pro Gln Asp Thr Lys Leu Val Leu Gln Thr Tyr Val  
1 5 10